

ABSTRACT

A laser assembly includes a removable work table defining a planar work surface. A frame is configured for supporting the removable work table with the work surface in a work surface plane. An X-Y beam transport is operatively associated with the frame and is configured to direct a laser beam from a laser beam source to X-Y coordinates relative to the frame. At least one clamp is operatively associated between the frame and the removable work table with each clamp having a clamping position for clamping the work table to the frame with the work surface in the work surface plane in a release position or removing the work table from the frame. A void underlies the removable work table and is operatively associated with the X-Y beam transport with the removable work surface removed. A X axis control member moves the work table along a Z axis normal to the work surface plane between a proximal position near the X-Y beam transport and a distal position away from the X-Y beam transport. A redirectable exhaust having an exhaust inlet is operatively associated with the work table for transitioning exhaust above and below the work surface as the work table is moved from the distal position to the proximal position along the Z axis.